



Science Toolkit: Grade 5 Objective 1.C.1.a

Student Handout: Science: Grade 5 Objective 1.C.1.a

Standard 1.0 Skills and Processes

Topic C. Communicating Scientific Information

Indicator 1. Recognize that clear communication is an essential part of doing science because it enables scientists to inform others about their work, expose their ideas to criticism by other scientists, and stay informed about scientific discoveries around the world.

Objective a. Make use of and analyze models, such as tables and graphs to summarize and interpret data.

Selected Response (SR) Item

Question

The times the sun rises and sets on the same day in three regions of Maryland are recorded in the data table below.

DAYLIGHT IN MARYLAND

Regions of Maryland	Sunrise	Sunset
Western	5:42 A.M.	8:39 P.M.
Central	5:39 A.M.	8:33 P.M.
Eastern	5:36 A.M.	8:25 P.M.

Which of the following statements is an accurate conclusion based on the information in the data table?

- A. The sun rises earliest in Eastern Maryland; the sun sets latest in Eastern Maryland.
- B. The sun rises earliest in Western Maryland; the sun sets latest in Eastern Maryland.
- C. The sun rises earliest in Eastern Maryland; the sun sets latest in Western Maryland.
- D. The sun rises earliest in Western Maryland; the sun sets latest in Western Maryland.

Correct Answer

C. The sun rises earliest in Eastern Maryland; the sun sets latest in Western Maryland.

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